

What is Claimed:

1. A device for treating with a liquid a wafer-shaped article having a first surface, a second surface opposite the first surface, and a peripheral edge between the first and second surfaces, the device comprising:

holding means for holding the wafer-shaped article with the second surface facing said holding means, said holding means comprising gas feed means for at least partial flushing of a gas from the second surface, and a gas guide in a periphery of said holding means; and

said gas guide being arranged to be separated from the second surface by a gap when the wafer-shaped article is being held by said holding means, said gap having a width that permits creation of a capillary force that causes the liquid to enter into said gap and to wet and treat a defined area of the second surface adjacent to the peripheral edge.

2. The device of claim 1, wherein said gas guide is ring-shaped.

3. The device of claim 2, wherein said ring-shaped gas guide has an inner diameter that is smaller than an outside diameter of the wafer-shaped article and an outside diameter that is at least a same size as the outside diameter of the wafer-shaped article.

4. The device of claim 1, wherein said gas guide is formed by an annular groove that is concentric to said periphery of said holding means and from which a gas is discharged.

5. The device of claim 1, wherein a part of said holding means is located between said gas feed means and said gas guide, and said part is located at a greater distance from the wafer-shaped article than said gas guide is from the wafer-shaped article.

6. The device of claim 1, wherein said gap is 0.05 to 1 mm.

7. The device of claim 1, wherein a surface of said gas guide facing the second surface of the wafer-shaped article is parallel to the second surface.

8. The device of claim 1, wherein said gas guide is annular and surrounds said holding means and said gas feed means.

9. The device of claim 1, wherein said gas guide comprises a radially inward projection that diverts the gas away from the defined area.